

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Improved 12V battery test in VIDA		Ref. No. TJ 36961.2.2	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA		Function Group 3111
Function Description Battery, complete		Page Page 1 of 2	

Rows beginning with * are modified

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DESCRIPTION:

*VST op no added.

The 12V battery test in VIDA has been improved.

Do NOT charge the battery before the test, jump start the vehicle if needed. Read out the vehicle with VIDA and start the test.

The purpose of the improved test is to also be able to check batteries below 11.5V with battery in the vehicle and with a shorter test time. (Follow the instructions in VIDA)

The test will tell if the battery is in a good status and needs to be charged or if it's defective and needs to be replaced (warranty code will be displayed).

During the test the battery is charged with the engine running.

Note: Do NOT disconnect the BMS/battery before the test. This may cause extra/longer test time.

BMS= Battery Monitor Sensor

CSC Customer Symptom Codes

Code	Description
LM	12 V main battery/Dead battery
LN	12 V main battery/Weak or low electrical power

DTC Diagnostic Trouble Codes

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2019-2099		-	201835-209952
225							2019-2099		-	201817-209952
227							2019-2099		-	201846-209952

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Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
234							2017-2099		-	201617-209952
235							2017-2099		-	201624-209952
236							2017-2099		-	201646-209952
238							2017-2099		-	201646-209952
246							2018-2099		-	201717-209952
256							2016-2099		-	201505-209952
536							2018-2099		-	201746-209952
539							2022-2099		-	202139-209952

SERVICE:

***Don't charge the battery before the test, jump start the vehicle if needed. Read out the vehicle with VIDA and start the test.**

*If the battery test fails to work properly or if there are any other issues with the test. Create a report (*support needed case*) and attach all the VIDA diagnosis log files for analysis (%userprofile%\VIDA\PROD\LogFiles\Diagnostics).

*Don't forget to fault trace why the battery is discharged.

Warranty claim info:

*To get warranty claim accepted, the battery code must be included in the repair order text.

VST Operation Number

VST Operation Number	Description
36060-3	Calibration with VIDA
31122-2	Battery condition check
31102	Battery Replacement (Main)

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the battery test fails to work properly or if there are any other issues with the test. Use concern area "Vehicle Report" and sub concern area "Support needed", use function group 3111.

Attach a VIDA diagnosis log for analysis.

If repair is complete and logs have been collected from the test, please submit a "Support Not Needed" case and attach VIDA logs.